Position Summary

The Division of Enterprise Technology (DET) manages the state's information technology (IT) assets and uses technology to improve government efficiency and service delivery. DET administers enterprise solutions and consults on technology services for state agencies, local government and educational systems.

Under the general direction of the Bureau of Security Director, this position is responsible for the planning, implementation, administration and support of the State Of Wisconsin's mainframe identity and access management security systems. The identity and access management solutions include the Resource Access Control Facility (RACF) and other related tools in a z/OS mainframe environment. In addition, this position, processes access requests, responds to incidents, and monitors access activity and violation reports. This position functions as the enterprise technical authority in this area.

The individual appointed to this position must be comfortable with a broad variety of technologies, must be able to ask a logical progression of questions in order to diagnose security issues, and must have excellent customer service and communication skills.

Goals and Worker Activities

40% **A.** **Provide technical support for the State of Wisconsin's mainframe identity and access management security systems infrastructure.**
- A1. Install, configure test, implement and troubleshoot enterprise mainframe identity and access management tools such as RACF and Z-Secure.
- A2. Maintain installed enterprise mainframe identity and access management systems and infrastructure on an ongoing basis to remain at recommended release level and to resolve problems in order to maintain system stability.
- A3. Use advanced-level knowledge of enterprise hardware and software problem determination techniques to troubleshoot problems. Use available documentation and work with vendors or agency staff as needed for problem resolution.
- A4. Maintain and communicate implementation schedules for system maintenance, to resolve known problems and maintain overall system stability.
- A5. Analyze security requirements and define RACF access rules or profiles and manage the daily functions of RACF infrastructure administration.
- A6. Maintain records of tuning changes made and their effect on total resource utilization.
- A7. Maintain metrics to measure and evaluate shared IT infrastructure systems and usage.
- A8. Develop, establish and document procedures for the proper use and support of enterprise systems and application software.
- A9. Work with the compliance team to develop and implement sound security practices and policies that balance the need for security and accessibility of enterprise systems.
- A10. Participate in the development, establishment and documentation of disaster recovery procedures.

30% B. Process requests, respond to incidents, and monitor access activity and violation reports for the agencies to assure that appropriate access and functionality are maintained.

B1. Provide infrastructure support as required by the RACF security responsibilities.

B2. Create and maintain RACF group structure.

B3. Review and analyze daily activity and violation reports and work with operations staff and agency customers to resolve incidents.

B4. Run ad hoc access reports based on customer requests and/or business needs.

B5. Maintain and test Business Continuity and Disaster Recovery plan.

25% C. Participate in information technology security initiatives and projects.

C1. Provide leadership for RACF-related infrastructure and security projects in the mainframe environment.

C2. Participate in and/or facilitate regulatory and internal audits for RACF applications and infrastructure.

C3. Participate in cross-functional teams in needs assessment, design, or implementation projects to address business needs.

C4. Provide information technology security expertise to system developers, system administrators, project managers, and other IT professionals to ensure adequate security controls in mainframe IT systems.

C5. Understand and follow divisional project management policies, procedures, and practices.

C6. Understand and follow enterprise information portfolio management policies, procedures, and practices.

C7. Coordinate project support tasks through other division or agency staff as assigned.

5% D. Participate in Continual Employee Development.

D1. Attend appropriate training courses, meetings, conferences and seminars as developed in concert with supervisor in the annual training plan.

D2. Study technical publications to maintain a high level of technical knowledge concerning data processing hardware and software with particular emphasis on LAN administration.

D3. Participate in activities of professional and technical associations to contribute to development of data processing in all aspects of government.

D4. Other duties as assigned.

Knowledge, Skills and Abilities

1. Demonstrated knowledge and ability to manage Resource Access Control Facility (RACF) in a z/OS mainframe environment.
2. Strong knowledge of RACF, Z-Secure administration.
3. Knowledge of RACF resource class administration.
4. Strong knowledge of mainframe file structures and permissions.
5. Demonstrated scripting / programing experience for automating system support such as JCL and REXX.
6. Knowledge of security concepts, access intent, and proper authority level based on resource definition and type of access requested.
7. Strong interpersonal communication skills.
8. Strong oral and written communication skills.
9. Documentation skills.
10. Knowledge of IT security functions and industry standards/guidelines.
11. Knowledge of DB2 and Oracle databases.